WEST Search History

DATE: Tuesday, March 11, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT; PLUR=YES; OP=ADJ		
L18	pta-4531	0	L18
L17	L16 and above average cold test results	0	L17
L16	l15 and high grain yield	25	L16
L15	L14 and (corn or maize)	49	L15
L14	6 adj5 northern leaf	49	L14
L13	l12 and (corn or maize)	3	L13
L12	L11 and northern leaf	3	L12
L11	relative maturity adj5 99	3	L11
L10	ph7jb and (corn or maize)	0	L10
L9	l2 and l4 and l6 and l8	0	L9
L8	l7 and (corn or maize)	239	L8
L7	cob color adj5 red	239	L7
L6	l5 and (corn or maize)	10	L6
L5	glume color adj5 purple	10	L5
L4	l3 and (corn or maize)	98	L4
L3	anther color adj5 yellow	179	L3
L2	l1 and (corn or maize)	78	L2
L1	silk color adj5 pink	78	L1

END OF SEARCH HISTORY

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NEWS  1  Apr 08  Web Page URLs for STN Seminar Schedule - N. America
NEWS  2  Apr 09  "Ask CAS" for self-help around the clock
NEWS  3  Apr 09  BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS  4  Apr 19  ZDB will be removed from STN
NEWS  5  Apr 22  US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS  6  Apr 22  Records from ip.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS  7  Apr 22  BIOSIS Gene Names now available in TOXCENTER
NEWS  8  Jun 03  Federal Research in Progress (FEDRIP) now available
NEWS  9  Jun 10  New e-mail delivery for search results now available
NEWS 10  Jun 10  MEDLINE Reload
NEWS 11  Jul 02  PCTFULL has been reloaded
NEWS 12  Jul 22  FOREGE no longer contains STANDARDS file segment
NEWS 13  Jul 22  USAN to be reloaded July 28, 2002;
                 saved answer sets no longer valid
NEWS 14  Jul 29  Enhanced polymer searching in REGISTRY
NEWS 15  Jul 30  NETFIRST to be removed from STN
NEWS 16  Aug 08  CANCERLIT reload
NEWS 17  Aug 08  PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18  Aug 08  NTIS has been reloaded and enhanced
NEWS 19  Aug 19  Aquatic Toxicity Information Retrieval (AQUIRE)
                 now available on STN
NEWS 20  Aug 19  IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21  Aug 26  The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22  Sep 03  Sequence searching in REGISTRY enhanced
NEWS 23  Sep 16  Experimental properties added to the REGISTRY file
NEWS 24  Sep 16  CA Section Thesaurus available in CAPLUS and CA
NEWS 25  Oct 01  CASREACT Enriched with Reactions from 1907 to 1985
NEWS 26  Oct 21  EVENTLINE has been reloaded
NEWS 27  Oct 24  BEILSTEIN adds new search fields
NEWS 28  Oct 24  Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 29  Oct 25  MEDLINE SDI run of October 8, 2002
NEWS 30  Nov 18  DKILIT has been renamed APOLLIT
NEWS 31  Nov 25  More calculated properties added to REGISTRY
NEWS 32  Dec 02  TIBKAT will be removed from STN
NEWS 33  Dec 04  CSA files on STN
NEWS 34  Dec 17  PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 35  Dec 17  TOXCENTER enhanced with additional content
NEWS 36  Dec 17  Adis Clinical Trials Insight now available on STN
NEWS 37  Dec 30  ISMEC no longer available
NEWS 38  Jan 13  Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 39  Jan 21  NUTRACEUT offering one free connect hour in February 2003
NEWS 40  Jan 21  PHARMAML offering one free connect hour in February 2003
NEWS 41  Jan 29  Simultaneous left and right truncation added to COMPENDEX,
                 ENERGY, INSPEC
NEWS 42  Feb 13  CANCERLIT is no longer being updated
NEWS 43  Feb 24  METADEX enhancements
NEWS 44  Feb 24  PCTGEN now available on STN
NEWS 45  Feb 24
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 NEWS 46  Feb 24  TEMA now available on STN
 NEWS 47  Feb 26  NTIS now allows simultaneous left and right truncation
 NEWS 48  Feb 26  PCTFULL now contains images
 NEWS 49  Mar 04  SDI PACKAGE for monthly delivery of multifile SDI results

 NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
               CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 10:40:46 ON 11 MAR 2003

=> file agricola biosis
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'AGRICOLA' ENTERED AT 10:40:54 ON 11 MAR 2003

FILE 'BIOSIS' ENTERED AT 10:40:54 ON 11 MAR 2003
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=> s silk color (10w) pink
L1            0 SILK COLOR (10W) PINK

=> s anther color (10w) yellow
L2            2 ANTHER COLOR (10W) YELLOW

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3            1 DUP REM L2 (1 DUPLICATE REMOVED)

=> d ti

L3   ANSWER 1 OF 1  AGRICOLA                              DUPLICATE 1
TI   White anther: a petunia mutant that abolishes pollen flavonol
     accumulation, induces male sterility, and is complemented by a chalcone
     synthase transgene.


=> d so

L3   ANSWER 1 OF 1  AGRICOLA                              DUPLICATE 1
SO   Plant physiology, June 1999. Vol. 120, No. 2. p. 615-622
     Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
     CODEN: PLPHAY; ISSN: 0032-0889
```

=> d ab

L3 ANSWER 1 OF 1 AGRICOLA DUPLICATE 1
AB A mutation in an inbred line of petunia (Petunia hybrida) produces a reduction in the deep-purple corolla pigmentation and changes the **anther color** from **yellow** to white. In addition, the mutant designated white anther (wha), is functionally male sterile. The inability of pollen from wha plants to germinate in vitro provides a physiological basis for the lack of seed set observed in self-crosses of the mutant. Biochemical complementation with nanomolar amounts of kaempferol, a flavonol aglycone, confirms that the inability of the wha pollen to germinate is due to a lack of this essential compound. Transgenic complementation with a functional ChsA (Chalcone synthase A) cDNA suggests that the genetic lesion responsible for the wha phenotype is in Chs, the gene for the first enzyme in the flavonol biosynthesis pathway. The genetic background of the parental line, as well as the pollen phenotype, allowed us to deduce that the wha mutation is in ChsA. To our knowledge, wha is the first induced, nontransgenic Chs mutant described in petunia, and analysis of the mutation confirms earlier molecular and genetic observations that only two Chs genes (A and J) are expressed in reproductive tissues and that they are differentially regulated in corolla and anther.

=> s glume color (10w) purple
L4 0 GLUME COLOR (10W) PURPLE

=> s cob color (10w) red
L5 0 COB COLOR (10W) RED

=> s ph7jb and (corn or maize)
L6 0 PH7JB AND (CORN OR MAIZE)

=> s pta 4531
L7 0 PTA 4531

=> s relative maturity (10w) 99
L8 0 RELATIVE MATURITY (10W) 99

=> s high grain yield and (corn or maize)
L9 49 HIGH GRAIN YIELD AND (CORN OR MAIZE)

=> s l9 and cold test
L10 0 L9 AND COLD TEST

=> s l9 and northern leaf blight
L11 0 L9 AND NORTHERN LEAF BLIGHT

=> s l9 and northcentral
L12 0 L9 AND NORTHCENTRAL

=> s l9 and (hybrid or f1)
L13 16 L9 AND (HYBRID OR F1)

=> dup rem l13
PROCESSING COMPLETED FOR L13
L14 13 DUP REM L13 (3 DUPLICATES REMOVED)

=> d 1-13 ti

L14 ANSWER 1 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Stability and correlation study for stem borer, Chilo partellus (Swinhoe)

resistance in single crosses of **maize** (Zea mays L.) inbred lines.

L14 ANSWER 2 OF 13 AGRICOLA DUPLICATE 1
TI Effect of S3 recurrent selection in four tropical **maize** populations on their selfed and randomly mated generations.

L14 ANSWER 3 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Combining ability for some characters of high lysine **maize** with modified endosperm.

L14 ANSWER 4 OF 13 AGRICOLA DUPLICATE 2
TI Planting date and moisture effects on yield, quality, and alkaline-processing characteristics of food-grade **maize**.

L14 ANSWER 5 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI **CORN HYBRID** INTERACTIONS WITH SOIL NITROGEN LEVEL AND WATER REGIME.

L14 ANSWER 6 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI TESTCROSS PERFORMANCE OF **MAIZE** LINES FROM BACKCROSS POPULATIONS CONTAINING HIGHLAND MEXICAN OR HIGHLAND PERUVIAN GERMPLASM.

L14 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI **MAIZE** POPULATIONS PERFORMANCE AS TO AGRONOMIC AND TECHNOLOGICAL CHARACTERISTICS.

L14 ANSWER 8 OF 13 AGRICOLA DUPLICATE 3
TI Development of nitrogen-efficient prolific hybrids of **maize**.

L14 ANSWER 9 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ABOUT SOME CHARACTERISTICS OF TILLERING IN **MAIZE** ZEA-MAYS-SSP-IDENTATA.

L14 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI PHYSIOLOGICAL FACTORS AFFECTING **MAIZE** ZEA-MAYS YIELDS UNDER TROPICAL AND TEMPERATE CONDITIONS.

L14 ANSWER 11 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI COMBINING ABILITY ESTIMATES OF SULFATE UPTAKE EFFICIENCY IN **MAIZE** ZEA-MAYS.

L14 ANSWER 12 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI RESPONSES TO MASS SELECTION IN **MAIZE** ZEA-MAYS CULTIVARS HAYS-GOLDEN AND NEBRASKA-501D.

L14 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI PERFORMANCE OF **MAIZE** HYBRIDS INVOLVING ELITE **MAIZE** VARIETIES.